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File: DWPI

Jan 10, 1999

DERWENT-ACC-NO: 1999-104425

DERWENT-WEEK: 199909

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TITLE: Enhanced call processing options for cellular telephone - provides changes to acceptance of incoming call by portable telephone, and notifies called party of call arrival

PATENT-ASSIGNEE:

ASSIGNEE

CODE

ERICSSON INC

TELF

PRIORITY-DATA: 1998RD-0417007 (December 20, 1998)

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC



RD 417007 A

January 10, 1999

001

H04B000/00

APPLICATION-DATA:

PUB-NO

APPL-DATE

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DESCRIPTOR

RD 417007A

December 20, 1998

1998RD-0417007

INT-CL (IPC): H04 B 0/00

ABSTRACTED-PUB-NO: RD 417007A

BASIC-ABSTRACT:

The processing options comprise a set of call screening features which are built into the portable telephone. The calling party identity is determined by examining the caller ID information provided with calls, or with other incoming messages. The determined identity is used to index a database resident in the portable telephone. In this way the database contains information specifying how a particular call is signalled to the called party, by group classification of callers, and associating different duty cycle ringing patterns for each group. Unknown callers are diverted to automatic answering equipment.

The called party can be notified of an incoming call arrival by a remote signalling device worn on the wrist. Here the remote device and the telephone exchange control information over a short range wireless link, or by magnetic, acoustic or infrared links. The remote signalling device has a visual annunciator, such as an illuminated display, or a vibrator, or may have a screen display of text or icons describing the nature of the caller identity.

ADVANTAGE - Provides added call screening facilities, including identification and classification of incoming calls.

CHOSEN-DRAWING: Dwg.0/1

TITLE-TERMS: ENHANCE CALL PROCESS OPTION CELLULAR TELEPHONE CHANGE ACCEPT INCOMING CALL PORTABLE TELEPHONE NOTIFICATION CALL PARTY CALL ARRIVE

DERWENT-CLASS: W01 W02

EPI-CODES: W01-C01D3C; W01-C01F1E; W01-C01F3; W01-C01F9; W02-C03C1C;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1999-075363

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